



**OAQ Process Information Application  
PI-02F: COMBUSTION – FUEL USE**

State Form 52540 (2-06)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**



**IDEM – Office of Air Quality – Permits Branch**  
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[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

- The purpose of this form is to identify each fuel that will be used in the combustion unit. Definitions and additional explanation of terminology are included in the instructions for this form.
- Complete one form PI-02F for each combustion unit. If the unit has any capability of using a fuel, even if on a backup or intermittent basis, complete the applicable section. Using a fuel that is not specified in the permit is a violation of the permit.
- Detailed **instructions** for this form are available online at [www.in.gov/idem/air/permits/apps/instructions/pi02Finstructions.html](http://www.in.gov/idem/air/permits/apps/instructions/pi02Finstructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**PART A: Process Unit Identification**

**1. Unit ID:**

**PART B: Gaseous Fuels**

Part B identifies the gaseous fuels that will be used in the combustion unit.

2. Fuel Type:	3. Percent of Fuel Use (by volume)	4. Primary or Secondary Fuel?	5. Component Percentages:	6. Heating Value:
<input type="checkbox"/> Natural Gas		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft <sup>3</sup> )
<input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Commercial- Propane <input type="checkbox"/> Engine Fuel Propane (HD-5) <input type="checkbox"/> Commercial- Butane		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Butane: Propane:	(Btu/ft <sup>3</sup> )
<input type="checkbox"/> Process Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft <sup>3</sup> )
<input type="checkbox"/> Landfill Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft <sup>3</sup> )
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/ft <sup>3</sup> )
* Indicate the source of the process or landfill gas:				

### PART C: Liquid Fuels

Part C identifies the liquid fuels that will be used in the combustion unit.

7. Fuel Type:	8. Percent of Fuel Use (by volume)	9. Primary or Secondary Fuel?	10. Component Percentages:	11. Heating Value:	12. Percent Heat:
<input type="checkbox"/> Residual Fuel Oil <input type="checkbox"/> No. 5 – Heavy <input type="checkbox"/> No. 5 – Light <input type="checkbox"/> No. 6 (Bunker C)		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Distillate Fuel Oil <input type="checkbox"/> No. 1 <input type="checkbox"/> No. 2 (Diesel) <input type="checkbox"/> No. 4		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Gasoline		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Waste Oil		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Lead Chlorine:	(Btu/gal)	
<input type="checkbox"/> Liquid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Fluorine: Chlorine:	(Btu/gal)	
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/gal)	
* RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:					

This space was intentionally left blank.

**PART D1: Solid Fuels – Coal**

Part D1 identifies all variations of coal that will be used in the combustion unit.

13. Fuel Type:	14. Percent of Fuel Use (by volume)	15. Primary or Secondary Fuel?	16. Component Percentages:	17. Heating Value:	18. Basis:
<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> <i>Anthracite</i> <input type="checkbox"/> <i>Culm</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Sub-bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Lignite Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Coke		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Other Coal <i>(specify)</i> :		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/gal)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist

This space was intentionally left blank.

### PART D2: Other Solid Fuels

Part D2 identifies the solid fuels, other than coal, that will be used in the combustion unit.

19. Fuel Type:	20. Percent of Fuel Use (by volume)	21. Primary or Secondary Fuel?	22. Component Percentages:	23. Heating Value:	24. Percent Heat:
<input type="checkbox"/> Wood or Wood Waste <input type="checkbox"/> Wood Only <input type="checkbox"/> Wood Residue Only <input type="checkbox"/> Wood and Wood Residue		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Moisture:	(Btu/ton)	
<input type="checkbox"/> Tires or Tire Derived Fuel <input type="checkbox"/> Whole Tires <input type="checkbox"/> Tire Derived Fuel		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Chromium: Chlorine:	(Btu/lb)	
<input type="checkbox"/> Bagasse		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Ash: Moisture:	(Btu/lb)	
<input type="checkbox"/> Solid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	(Btu/lb)	
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	(Btu/lb)	

\*RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

### PART E: Fuel Consumption Limitations

Use the space provided to specify any fuel consumption limitations that are acceptable for the combustion unit.